

Applicant(s): Allan Scherr
Serial No.: 10/036,547
Filed: December 31, 2001

E30-050CON2

In the Claims

Please amend claims 18 and 32 as follows:

18 (currently amended). A cache management system at a data node in a data network with a plurality of interconnected data nodes for transferring data therebetween, at least two of the data nodes including a cache management system, said cache management system comprising:

- A) a cache memory device coupled to the data network for storing [[at]]a plurality of different cache memory management methods, each cache memory management method providing a different method by which said data node communicates over the data network and
- B) a cache memory manager connected to said cache memory device including means for selecting one of the plurality of different cache memory management methods in said cache memory device at said data node thereby to control the manner in which said data node communicates over the network and wherein the cache memory management methods used at said data node and another data node on the data network are different.

Applicant(s): Allan Scherr
Serial No.: 10/036,547
Filed: December 31, 2001

E30-050CON2

19 (canceled).

20 (previously presented). A data node as recited in claim 18 wherein said cache memory manager includes a monitor for monitoring operations at a corresponding data node and said method selection means responds to said monitor.

21 (previously presented). A data node as recited in claim 18 wherein said cache memory manager includes a monitor at a corresponding data node for receiving commands from other data nodes and said method selection means responds to the received commands.

22 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is a least recently used cache management method.

23 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is a data usage cache management method.

24 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is a store-through cache management method.

Applicant(s): Allan Scherr
Serial No.: 10/036,547
Filed: December 31, 2001

E30-050CON2

25 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is a pre-fetch cache management method.

26 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is an indexing cache management method.

27 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is a B-tree cache management method.

28 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is a charging cache management method.

29 (Canceled).

30 (canceled.)

31 (previously presented). A data node as recited in claim 33 wherein said cache memory manager includes a monitor for monitoring operations at a corresponding data node and said method selection means responds to said monitor.

Applicant(s): Allan Scherr
Serial No.: 10/036,547
Filed: December 31, 2001

E30-050CON2

32 (currently amended). A data node as recited in claim 33 wherein said cache memory [management]manager includes a monitor for receiving commands from other data nodes and said method selection means responds to the received commands by selecting one of the cache memory management methods in said cache memory device in a corresponding data node.

33(previously presented). A data node as recited in claim 21 wherein said cache memory device stores at least one of last recently used, data usage, store-through, pre-fetch, indexing, B-tree and charge cache memory management methods.